

unscanned original received Feb. 4, 2004

10/13/2004 11:52 7033855080

KEATING & BENNETT

PAGE 02/02

PTO/SB/08A (04-03)

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/646,287
		Filing Date	August 22, 2003
		First Named Inventor	Teruhisa SHIBAHARA
		Art Unit	2817
		Examiner Name	Unknown
		Attorney Docket Number	36856.1116
Sheet	1	of	1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Class/Subclass Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
BS	1	5,835,990	11/1998	Saw et al.	310/313D
BS	2	2002-0021195 A1	2/2002	Takamine	333/195

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number-Kind Code ⁵ (if known)	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
BS	3	EP 1 168 611 A2	01/2002	Europe		X
BS	4	DE 198 18 826 A1	11/1999	Germany		

Examiner Signature	Bailara Summors	Date Considered	10/13/04
--------------------	-----------------	-----------------	----------

*Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.
¹ Applicant unique citation designation number (optional). ²See Kind Codes of USPTO Patent documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Abstract is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.